

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

JAN 23 2004

Docket Number (Optional) RD28750-1	Application Number 10/656,594
Applicant(s) Radislav A. Potyrailo et al.	
Filing Date 9/5/2003	Group Art Unit 2856

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/JN/ Potyrailo et al., "Spatially Resolved Analyte Mapping with Time-of-Flight Optical Sensors" Department of Chemistry, Indiana University, Bloomington, IN 47405, USA, Elsevier Science, Trends in Analytical Chemistry, Vol 17, No. 10 1998 pg. 593-604

EXAMINER

/Jyoti Nagpaul/

DATE CONSIDERED

03/15/2007

05/10/2001

<p style="text-align: center;">O I P F INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> DEC. 08 2003 EXAMINER PTO-1449 U.S. PATENT DOCUMENTS</p>				ATTY DOCKET NO. RD28750-1/G22-0001		SERIAL NO. 10/656,594		
				Radislav A. Potyrailo et al.				
				FILING September 5, 2003		GROUP NYA		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL /JN/		DOCUMENT NUMBER 4,312,228	DATE 1/26/82	NAME Wohltjen	CLASS 73	SUBCLASS 597	FILING DATE IF APPROPRIATE 7/30/79	
		4,596,697	6/24/86	Ballato	422	98	9/4/84	
		4,673,299	6/16/87	Dakin	374	131	3/27/85	
		5,106,938	4/21/92	Bookbinder et al.	528	176	6/8/89	
		5,117,146	5/26/92	Martin et al.	310	313 R	6/21/91	
		5,201,215	4/13/93	Granstaff et al.	73	54.41	10/17/91	
		5,233,194	8/3/93	Mauze et al.	250	341	1/3/92	
		5,237,631	8/17/93	Gavish et al.	385	12	3/31/92	
		5,356,668	10/18/94	Paton et al.	427	2.25	6/25/92	
✓ /JN/		5,451,632	9/19/95	Okumura et al.	524	537	10/4/93	
		5,488,086	1/30/96	Umeda et al.	525	92 A	7/23/92	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
/JN/		US Patent Application Publication 2003/0077390 A1, published 4/24/03, Potyrailo et al.						
/JN/		Grate, J. W.; Abraham, H.; McGill, R. A. In Handbook of Biosensors and Electronic Noses. Medicine, Food and the Environment B. Kress-Rogers, Ed.; CRC Press: Boca Raton, FL, 1997; pp 593-612.						
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

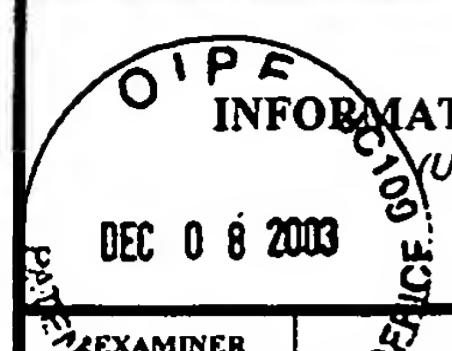
<p style="text-align: center;">O P INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> <p>DEC 08 2003</p> <p style="text-align: right;">4C1086</p>				ATTY DOCKET NO. RD28750-1/G22-0001		SERIAL NO. 10/656,594	
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/JN/	5,519,096	5/21/96	Hara	525	478	6/30/94	
	5,528,040	6/18/96	Lehmann	250	343	11/7/94	
	5,644,017	7/1/97	Drumright et al.	528	196	8/25/95	
	5,674,943	10/7/97	Farah et al.	525	146	2/14/95	
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	5,744,794	4/28/98	Michie et al.	250	227.16	8/18/94	
	5,756,631	5/26/98	Grate	528	26	5/27/94	
	5,788,833	8/4/98	Lewis et al.	205	787	8/14/96	
✓	5,919,526	7/6/99	Eckberg et al.	427	387	4/10/98	
/JN/	5,919,886.	7/6/99	Matsuda et al.	528	42	9/19/97	
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
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/JN/		Potyrailo, R. A.; Hobbs, S. E.; Hieftje, O. M., Optical waveguide sensors in analytical chemistry: today's instrumentation, applications and future development trends, Fresenius' J. Anal. Chem. 1998, 362, 349-373.					
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/JN/		5,969,066	10/19/99	Enokida et al.	526	247	8/18/97
		5,973,068	10/26/99	Yamaya et al.	524	865	11/6/97
		5,973,126	10/26/99	Ueno et al.	534	656	4/23/98
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		5,985,356	11/16/99	Schultz et al.	427	8	10/18/94
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		6,004,617	12/21/99	Schultz et al.	427	8	6/7/95
		6,010,616	1/4/00	Lewis et al.	205	787	12/8/97
✓		6,015,869	1/18/00	Grate et al.	528	15	3/17/98
/JN/		6,034,775	3/7/00	McFarland et al.	356	364	10/8/97
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
							NO
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/JN/		Thompson, M.; Stone, D. C. Surface-Launched Acoustic Wave Sensors: Chemical Sensing and Thin-Film Characterization, Chapter 6, Wiley: New York, NY, 1997.					
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/JN/	6,087,181	7/11/00	Cong	436	37	3/16/98
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	6,151,123	11/21/00	Nielsen	356	445	7/8/98
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	US 6,182,449 B1	2/6/01	McFarland et al.	73	24.06	10/8/97
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✓	US 6,494,079 B1	12/17/02	Matsiev et al.	73	24.05	3/7/01
/JN/	US 6,535,822 B1	3/18/03	Mansky et al.	702	21	5/23/01
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/JN/		Rharbi, Y. et al., "A Method for Measuring Oxygen Diffusion and Oxygen Permeation in Polymer Films Based on Fluorescence Quenching" Anal. Chem. 1999, 71, 5045-5053				
/JN/		Lowry, J. H. et al., Optical Characteristics of Teflon AF Fluoroplastic Materials", Opt. Eng. 1992, 31, 1982-1985				
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/JN/	US 6,535,824 B1	3/18/03	Mansky et al.	702	30	12/10/99
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/JN/	US 6,544,334 B1	4/8/03	Potyrailo et al.	118	58	10/23/01
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
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/JN/		Buck, W.H., et al. "Properties of Amorphous Fluoropolymer Based on 2,2Bistrifluoromethyl-4,5-Difluoro-1,3-Dioxole", 183rd Meeting of the Electrochemical Society, 1993				
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/JN/	Amao, Y et al.: "Novel Optical Oxygen Pressure Sensing Materials: Platinum Porphyrin-Styrene-Trifluoroethylmethacrylate Copolymer Film", Chem. Lett. 1999, 1031-1032	
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EXAMINER <i>INITIAL</i> <i>JN</i>	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) <p>Firiki M. et al. "Gas Detection by a Multi-Hybrid Sensor with Dye Langmuir-Blodgett Films Deposited on a Quartz Oscillator", Mol. Cryst. Liq. Cryst., 1993, 227, pp. 325-337</p> <p>US Patent Application Publication 2002/0172620, published 11/21/02, Potyrailo.</p>		
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